



Water-Data Report NV-2005

10349495 STEAMBOAT CREEK AT GEIGER GRADE NEAR STEAMBOAT, NV

TRUCKEE RIVER BASIN, TRUCKEE RIVER BASIN

LOCATION.--Lat 39°24'08.29", long 119°44'37.61" referenced to North American Datum of 1983, in NE ¼ NW ¼ sec.28, T.18 N., R.20 E., Washoe County, Hydrologic Unit 16050102, on left bank 0.1 mi east of the junction of State Route 341 (Geiger Grade) and U.S. 395 near Steamboat.

DRAINAGE AREA.--140. mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May to Sep 1982, May 2001 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,543 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records fair. Many diversions for irrigation above station. Flow partly regulated by Washoe Lake (station 10348700).

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 135 ft³/s, Jun 19, 1982; no flow Jun 21, 29, 30, Jul 1, 9-23, 2003.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum daily discharge, 3,600 ft³/s, Feb 17, 1986, from slope-area determination in vicinity of present gage.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 54 ft³/s, Jun 1, 2, gage height, 8.63 ft; minimum daily discharge, 0.00 ft³/s, on many days.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.06	1.3	1.2	1.5	2.1	4.6	6.5	6.0	46	1.1	0.39	0.00
2	0.06	0.36	1.1	1.6	2.0	5.0	6.3	5.0	44	0.29	0.34	0.01
3	0.07	0.52	0.99	1.5	2.3	5.3	6.1	5.9	38	0.23	0.32	0.01
4	0.07	0.94	1.0	1.5	2.6	4.7	5.8	5.8	37	0.20	0.30	0.01
5	0.07	0.60	1.1	1.4	2.7	4.5	5.4	9.1	38	1.1	0.29	0.01
6	0.08	0.53	1.1	1.4	3.1	4.7	5.1	31	33	5.2	0.33	0.01
7	0.15	0.46	5.4	1.4	4.2	4.7	5.6	21	29	5.7	0.04	0.02
8	0.26	0.41	3.6	1.7	3.4	4.7	6.0	13	31	1.9	0.01	0.02
9	0.26	0.37	1.9	2.3	2.8	5.1	6.0	8.3	36	1.7	0.00	0.03
10	0.33	0.35	1.0	3.8	2.8	5.2	4.5	0.91	37	2.3	0.00	0.03
11	0.34	0.37	0.83	3.6	2.9	5.0	4.2	0.36	34	1.9	0.00	0.03
12	0.35	0.36	0.76	2.6	3.6	4.6	3.6	0.23	33	1.3	0.00	0.04
13	0.34	0.41	0.76	2.0	5.4	4.7	3.3	0.21	22	1.1	0.00	0.04
14	0.33	0.60	0.74	1.8	4.7	4.2	3.1	0.25	8.9	0.59	0.01	0.04
15	0.30	0.66	0.67	1.8	2.9	3.9	3.3	0.39	11	0.49	0.01	0.04
16	0.29	0.71	0.68	1.7	2.8	3.9	3.3	2.4	8.5	0.46	0.00	0.05
17	0.34	0.68	0.60	1.6	3.5	3.9	2.0	1.2	13	0.37	0.00	0.05
18	0.39	0.55	0.56	1.5	3.5	3.7	1.5	10	14	0.26	0.00	0.05
19	2.2	0.54	0.60	1.5	3.4	3.8	2.6	40	12	0.24	0.00	0.06
20	6.9	0.57	0.60	1.6	3.9	5.6	2.3	41	14	0.23	0.00	0.06
21	0.35	0.57	0.63	1.6	4.6	5.1	1.9	33	20	0.23	0.00	0.07
22	0.35	0.62	0.67	1.6	12	19	2.1	31	21	0.22	0.00	0.07
23	0.54	0.66	0.77	1.5	7.4	15	3.6	17	23	0.22	0.00	0.07
24	0.89	0.66	1.1	1.4	4.7	10	3.4	3.4	25	0.22	0.00	0.07
25	1.3	0.61	1.2	1.6	4.6	8.6	3.8	6.4	11	0.20	0.00	0.09
26	1.5	0.57	1.2	2.3	4.4	7.9	2.7	7.6	3.4	0.23	0.00	0.10
27	2.7	0.74	1.1	2.9	4.6	8.1	0.75	3.8	2.9	0.22	0.00	0.10
28	2.0	0.84	1.2	3.1	4.6	12	0.91	9.3	2.0	0.26	0.00	0.10
29	1.8	0.90	1.2	2.9	---	8.7	0.54	11	0.81	0.42	0.00	0.13
30	1.8	0.97	1.7	2.4	---	7.3	1.8	22	0.91	0.73	0.00	0.13
31	1.6	---	1.8	2.2	---	6.8	---	36	---	0.47	0.00	---
Total	28.02	18.43	37.76	61.3	111.5	200.3	108.00	382.55	649.42	30.08	2.04	1.54
Mean	0.90	0.61	1.22	1.98	3.98	6.46	3.60	12.3	21.6	0.97	0.07	0.05
Max	6.9	1.3	5.4	3.8	12	19	6.5	41	46	5.7	0.39	0.13
Min	0.06	0.35	0.56	1.4	2.0	3.7	0.54	0.21	0.81	0.20	0.00	0.00
Ac-ft	56	37	75	122	221	397	214	759	1,290	60	4.0	3.1

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1982 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	0.49	0.93	2.09	2.46	3.11	3.75	2.53	15.0	18.6	11.5	2.56	3.13
Max	0.90	1.76	3.75	3.68	3.98	6.46	3.60	61.2	88.8	67.2	14.5	16.7
(WY)	(2005)	(2003)	(2003)	(2003)	(2005)	(2005)	(2005)	(1982)	(1982)	(1982)	(1982)	(1982)
Min	0.14	0.25	0.62	1.93	2.45	2.26	0.83	0.24	0.04	0.01	0.07	0.05
(WY)	(2004)	(2004)	(2004)	(2004)	(2002)	(2002)	(2002)	(2004)	(2003)	(2003)	(2005)	(2005)

10349495 STEAMBOAT CREEK AT GEIGER GRADE NEAR STEAMBOAT, NV—Continued**SUMMARY STATISTICS**

	Calendar Year 2004		Water Year 2005		Water Years 1982 - 2005	
Annual total	418.20		1,630.94			
Annual mean	1.14		4.47		2.07	
Highest annual mean					4.47	2005
Lowest annual mean					1.00	2004
Highest daily mean	13	Apr 30	46	Jun 1	135	Jun 19, 1982
Lowest daily mean	0.00	Jul 4	0.00	Aug 9	0.00	Jun 21, 2003
Annual seven-day minimum	0.00	Aug 21	0.00	Aug 16	0.00	Jul 9, 2003
Maximum peak flow			54	Jun 1	135	Jun 19, 1982
Maximum peak stage			8.63	Jun 1	8.63	Jun 2, 2005
Annual runoff (ac-ft)	829		3,230		1,500	
10 percent exceeds	3.1		11		4.2	
50 percent exceeds	0.41		1.5		0.53	
90 percent exceeds	0.02		0.04		0.03	